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US EPA RECORDS CENTER REGION 5



Via Electronic and First-Class Mail

February 13, 2017

Ms. Shari Lynn Kolak
Remedial Project Manager
Superfund Division
U.S. Environmental Protection Agency, Region 5
77 West Jackson Boulevard, SRF-5J
Chicago, IL 60604-3507

**Re: Monthly Progress Report for January 2017
Remedial Investigation and Feasibility Study
Lake Calumet Cluster Site, Operable Unit 2, Chicago, Illinois**

Dear Ms. Kolak:

The Respondents submit this monthly progress report to the U.S. Environmental Protection Agency (USEPA), Region 5, pursuant to Paragraph 46 of the Administrative Settlement Agreement and Order on Consent (AOC) for the Operable Unit 2 Remedial Investigation and Feasibility Study (RI/FS) at the Lake Calumet Cluster Site in Chicago, Illinois (the Site). This progress report summarizes efforts by the Respondents to fulfill the requirements of the AOC during the January 2017 reporting period.

1. Activities Completed During This Reporting Period

- A. On January 13, 2017, the Respondents submitted the December 2016 monthly progress report to USEPA with copies to the Illinois Environmental Protection Agency (IEPA).
- B. On January 19, 2017, Arcadis U.S., Inc. (Arcadis) conducted an inspection of the eastern side of the Site to identify and sample visible seeps.
- C. On January 26, 2017, the Respondents submitted a revised Quality Assurance Project Plan (QAPP) Addendum prepared by Arcadis covering procedures for sampling light non-aqueous phase liquid (LNAPL). The QAPP Addendum was revised in response to USEPA comments dated January 4, 2017.

- D. On January 31, 2017, the Respondents provided notice to USEPA and IEPA of the planned fourth quarter sampling of the Phase 3 groundwater monitoring wells scheduled for February 14 through 17, 2017.

2. Results of Sampling and Tests and Other Data

- A. The findings from the seep investigation, including both physical observations and analytical data, are being provided under separate cover.

3. Work Plans, Procedures, and Deliverables

- A. The revised QAPP Addendum for LNAPL sampling was submitted on January 26, 2017.¹

4. Actions Projected for the Next Reporting Period

- A. Arcadis plans to sample and characterize the LNAPL encountered at MW-12. USEPA and IEPA will be notified of this sampling once it is scheduled.
- B. Arcadis plans to conduct the fourth quarter sampling of the Phase 3 groundwater monitoring wells on February 14 through 17, 2017. Gauging of the Phase 1 piezometers will be conducted as part of this sampling effort.
- C. The Respondents will arrange for the off-site transportation and disposal of the non-hazardous liquid and solid investigation-derived waste produced during Site characterization activities to date.

5. Progress and Schedule Report

- A. Completion of the Remedial Investigation (RI) is generally progressing in accordance with the schedule submitted with the RI/FS Work Plan. Arcadis has completed the Phase 1 piezometer installation and 12 rounds of monthly gauging, Phase 2 hydraulic profiling tool and vertical aquifer profiling investigations, and installation of the Phase 3 groundwater monitoring wells. Three rounds of sampling and analysis of the Phase 3 groundwater monitoring wells have been completed, and the fourth round of sampling is scheduled for February 2017.
- B. The scheduled date for completion of the RI has been extended to accommodate four rounds of quarterly groundwater sampling rather than the one round

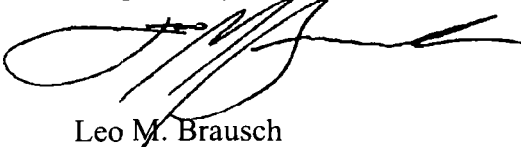
¹ UEPPA indicated its approval of the revised QAPP Addendum via email dated February 8, 2017.

envisioned in the schedule submitted with the RI/FS Work Plan. The Group will work with USEPA to update the schedule after completion of groundwater monitoring.

* * * *

We trust that this submittal satisfies your requirements at this time. If you have questions regarding this monthly progress report or related project matters, please do not hesitate to contact me.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Leo M. Brausch', with a large, stylized flourish extending to the right.

Leo M. Brausch
Project Coordinator

LMB:

cc: P. Lake, IEPA (2 copies)

cc (via email):

S. M. Franzetti, Esq.
J. Kratzmeyer, Arcadis
P. Lake, IEPA
LCCS Technical Committee